

Copolymers of the polyesters of maleic

26867
S/080/61/034/004/008/012
A057/A129

Vysokomol. soyed., 1,7, 951, 1959; Ref. 7: Vysokomol. soyed., 1,7, 957, 1959). These resins are products of the polycondensation of glycols and glycerine with dibasic saturated acids (phthalic or sebacic acid) and monobasic methacrylic acid. The introduction of a monobasic unsaturated acid makes possible regulation of the chain growth in the polyesterification process and thus manufacture of acrylate polyesters with a different degree of polymerization. According to Ya. D. Avrasin and A. I. Prigoreva (Ref. 8: Plast. massy, 1, 13, 1960) properties of glass-reinforced plastics based on acrylate polyesters are caused by the functional force and distance between the unsaturated acrylic end-radicals in the polyester chain. Another common polyester resin is the maleate polyester resin described by P. Z. Li et al. (Ref. 5: Plasticheskiye massy, 2, 19, 1959). A drawback of the manufacture of both types, acrylate and maleate polyesters is evolution of styrene vapors which produce a highly poisoned atmosphere. For this reason in the present work the production of polyester resins not containing volatile poisonous compounds and having good physical and mechanical properties was investigated. Preparation of copolymers of maleate polyesters and low molecular acrylate polyesters with the ability to be solvent and copolymerization component according to a patent of the present authors (Ref. 9: Soviet patent no. 132819,

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1960), was selected for this purpose. Maleate-phthalate polyethylene glycol was synthesized and had a higher softening point than the product manufactured by the industry (softening point 45 - 50°C, hard yellow resin, acid number in mgKOH/g of resin - 40-50, viscosity according to VZ -4, of a 50 % solution in styrene at 20°C 4,900 sec.). During polycondensation the temperature was raised gradually up to 200°C and the process was controlled by measuring the acid number and the amount of condensate. The product was dissolved at 70 - 80°C in a mixture of equal parts of dimethacrylate-triethyleneglycol and dimethacrylate (bis-triethyleneglycol) phthalate. This mixture was copolymerized at 20°C by adding an initiator-accelerator system as hardener. For the latter following systems were tested by estimating the gelatination time: isopropylbenzene hydroperoxide - cobalt naphthenate, benzoyl peroxide - dimethylaniline, methylethylketone peroxide - cobalt naphthenate (both imported substances). Optimum results (gelatination time 9 hours) were obtained with the last-mentioned system (2% + 2%). Optimum gelatination time (8 hours) with a Soviet hardener was obtained with 3 % isopropylbenzene hydroperoxide + 5 % of a 40 % solution of cobalt naphthenate in styrene. Thus all further tests were carried out using this hardener. It was observed that the hardening ends after 25 days, then the resin has the properties compared in Table 4 and 5 with those of the PN-1 resin. Hardening exotherms (determined by Kh. V. Tsubina) are shown in Figure 3. Using glass gauze Card 3/8

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ACTT(8)(2 (ASTT (b)S₂) satin 8/3 with and without removal of the lubricant) with the manufactured MA-3 resin, 5 and 10 mm thick sheets were formed and tested 25 days after preparation. The results are presented in Table 6, showing several advantages in relation to the PN-1 resin and 911-MS binder. Investigations carried out by Yu. A. Agashin, M. M. Tuchenko and P. V. Sidyakov in the Institut gigiyeny truda i profzabolevaniy (Institute of Industrial Hygiene and Occupational Diseases) demonstrated the advantage of using MA-3 resin instead of PN-1 resin considering sanitary conditions, since the total amount of styrene formed during hardening of PN-1 resin is 12 times greater than for MA-3 resin. There are 4 figures, 6 tables and 9 references: 6 Soviet-bloc and 3 non-Soviet-bloc. The two references to the English-language publications read as follows: Johan Bjorksten. Polyesters and their applications., N. Y., 1956; Phillip Morgan, Glass Reinforced Plastics, London, 1957.

SUBMITTED: August 4, 1960

Card 4/8

LEVITSKAYA, O.M.; BRESLER, V.A.; RUDNEV, S.A.

Using the imported "MAS" machine for manufacturing articles of
glass plastics by the spraying method. Plast.massy no.12:26-
31 '61. (MIRA 14:12)

(Glass reinforced plastics)
(Plastic spraying)

15.8210

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S/191/62/C00/009/007/012
B1C1/B144

AUTHORS:

Loyitskaya, O. N., Sokolova, P. S., Kogan, A. A., Shibalovich, V. G.

TITLE:

Some properties of anisotropic material reinforced with glass fiber

PERIODICAL: Plasticheskiye massy, no. 9, 1962, 39 - 43

TEXT: Glass-reinforced plastics with anisotropic properties, on the basis of glass fiber, diameter 15 ± 2 micron, and ЭД-6 (ED-6) epoxy phenol, БФ (BF) polyvinylbutyral phenol or ПЭМ-2 (PEM-2) polyamide epoxy resins were tested. The binder content was varied between 18-35% by weight.

Results: (1) In all samples a maximum of tensile strength, bending strength and impact strength was found to be associated with a binder content of 20-25%. With 20-25% of ED-6 binder the bending strength was

8800 kg/cm², with 30-35% only 6800 kg/cm². Under equal conditions the values for BF binder were 6200 and 4800 kg/cm² respectively. (2) The content of resin fractions soluble in acetone made no difference to the tests, but if the binder contained less than 35% of the soluble fraction

Card 1/2

LEVITSKAYA, Olga Mikhaylovna; BRESLER, Vil'iam Aronovich; SHIRAYKHMAN,
G.A., red.; KATSNEL'SON, N.Ye., red. izd-va; BELOGUROVA, I.A.,
tekhn. red.

[Practices in the manufacture of products from glass polyester
plastics] Opyt proizvodstva izdelii iz poliefirnykh steklopla-
stikov. Leningradskii dom nauchno-tekhnicheskoi propagandy.
Obmen peredovym opytom. Seriya: Sinteticheskie materialy, no.1)

(Glass reinforced plastics)

(MIRA 15:9)

ACCESSION NR: AP3000408

8/0191/63/000/005/0067/0068

AUTHOR: Nikolayev, A. F.; Levitskaya, O. M.; Brusentsova, L. M.; Katenel'son, Ye. Z. 12

TITLE: Some characteristics of an epoxy-phenol binder for SVAM 15

SOURCE: *Plasticheskiye massy**, no. 5, 1963, 67-68

TOPIC TAGS: SVAM, epoxy-phenol binder, epoxy phenol resin 15

ABSTRACT: SVAM is prepared from a basic material containing 70% epoxy resin (ED-6) and 30% resol resin; its physico-mechanical properties are dependent on the composition and properties of the epoxy-phenol resin. The resin described here was obtained by combining acetone solutions of ED-6 resin (17-18% epoxy-groups) with a resol phenol-formaldehyde resin (9-10% free phenol) in a ratio of 70:30. It kept well for 60 days, but did not undergo satisfactory hardening even after 30 minutes at 140-200C. An insoluble (non-hardening) portion of 15% or more always remained, lowering the thermostability and rigidity of the material and affecting its physico-mechanical properties. It is suggested that thermosetting might be improved by modifying the composition of the epoxy-phenol resin, matching it with a special resol phenol-formaldehyde resin, and using a catalyst. Orig. art. has: 3 figures.

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Ref zh. Khimiya, Aba (642)

"APPROVED FOR RELEASE: 07/12/2001

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REF ID: A65002314

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CIA-RDP86-00513R000929620020-1"

(A) L 12914-66 ENT(m)/EWP(j) RM

ACC NR: AP6000957 SOURCE CODE: UR/0286/65/000/022/0041/0042

AUTHORS: ^{44,55}Novikova, T. V.; ^{44,55}Tarasov, A. I.; ^{44,55}Lovitskaya, O. M.; ^{44,55}Palishkina, R. D.

ORG: none

TITLE: A method for obtaining varnish coatings. ^{6,44,55}Class 22, No. 176345 ³¹_B

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 22, 1965, 41-42

TOPIC TAGS: varnish, maleic acid, polyester, styrol, glycerin

ABSTRACT: This Author Certificate presents a method for obtaining varnish coatings based on polyester maleinate resin and styrol. To prevent stickiness of the coating, to increase its durability, and to shorten the hardening time of the varnish, a polyester of saturated two-base acid and allyl ester of glycerin, such as polyallyl glycerin phthalate, are added to the above ingredients.

SUB CODE: 11/ SUBM DATE: 01Jun64

Card 1/1 HW UDC: 667.6:678.766.44

L 46149-66 ENT(m)/ENP(j)/T IJP(c) WW/RM

ACC NR: AP6031946

(A)

SOURCE CODE: UR/0080/66/039/009/2035/2038

AUTHOR: Al'shits, I. M.; Anikina, T. A.; Berlin, A. A.; Grad, N. M.; Levitskaya, O. M.; Mudrov, O. A.; Paganyan, S. A.; Tsubina, Kh. V.

30
B

ORG: none

TITLE: A new oligomeric binder for glass-reinforced flashes

SOURCE: Zhurnal prikladnoy khimii, v. 39, no. 9, 1966, 2035-2038

TOPIC TAGS: glass reinforced plastic, binder, resin MA-3, ~~triethylene glycol dimethacrylate, TGM-3, polyethylene glycol maleate phthalate, MS-1~~

ABSTRACT: A new binder for glass-reinforced plastics has been prepared from triethylene glycol dimethacrylate (TGM-3) in which the content of the stabilizer — hydroquinone — was decreased to 0.04% instead of the conventional 0.03 to 0.20%, and from polyethylene glycol maleate phthalate (MS-1) resin by heating the components to 80C and a vigorous stirring. This mixture was prepared in MS-1:TGM-3 ratios of 2:3 and 1:1; the products had viscosities of 50 and 150 centipoises at 20C respectively, which offers an advantage as compared with the viscosity of 250—430 centipoises of MA-3 resin (specifications: VTU 30-12044-61) of the LSNNK which is used for manufacturing glass-reinforced plastics in the USSR. The mechanical and technological properties of this new binder make possible its use for impregnating glass fabrics and for applying the method of contact molding. The time of gel formation of the new

UDC: 678

Card 1/2

LEVITSKAYA, O. N.

Min Higher Education USSR. Moscow Order of Lenin Aviation Inst imeni
Sergo Ordzhonikidze.

LEVITSKAYA, ON: "Some problems in the dynamics of differential geared mechanisms."
Min Higher Education USSR. Moscow Order of Lenin Aviation Inst imeni Sergo
Ordzhonikidze. Moscow, 1956.
(Dissertation for the Degree of Candidate in Technical Sciences)

SO: Knizhnaya Letopis, No. 20, 1956.

LEVITSKAYA, O.N., kand. tekhn. nauk

Setting up motion equations for gear differentials taking friction into consideration. Izv. vys. ucheb. zav.; mashinostr. no.9:58-70 '58.
(MIRA 12:10)

1.Moskovskiy aviatsionnyy institut.
(Gearing) (Mechanical movements)

LEVITSKAYA, O.N.

Using tables and graphs in the synthesis of a one-way planetary
reducing gear. Trudy Inst.mash.Sem.po teor.mash. i mekh. 23 no.89/90
72-87 '62. (MIRA 15:6)

(Gearing)

LEVITSKAYA, O.N.

Assembling planetary reducing gears with twin satellites. Trudy Inst.
mash.Sem.po teor.mash i mekh. 23 no.89/90:96-99 '62. (MIRA 15:6)
(Gearing)

LEVITSKAYA, O.V. [Levyts'ka, O.V.]

Communicability and treatment of gingivitis in children. Ped., akush.
i gin. 20 no.1:32-33 '58. (MIRA 13:1)

1. Kafedra terapevticheskoy stomatologii (zav. - prof. I.O. Novik)
Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta
im. akad. A.A. Bogomol'tsa (direktor - dots. I.P. Alekseyenko).
(UMS--DISEASES) (ASCORBIC ACID) (IRON--THERAPEUTIC USE)

LEVITSKAYA, R.A.

Improving radiators. Avt.prom. no.1:27-28 Ja '59.

(MIRA 12:1)

1. Khar'kovskiy traktorny zavod.
(Automobiles--Radiators)

LEVITSKAYA, R.A.; BROUN, Zh.L.; CHIBISOV, K.V.

Transformation of the additive centers during accelerated aging
of photographic emulsions. Zhur.nauch. i prikl.fot i kin. 5 no.5:
361-363 S-O '60. (MIRA 13:12)

1. Institut fiziki Odesskogo universiteta imeni I.I.Mechnikova i
Kafedra uchebnoy i nauchnoy fotografii i kinematografii Moskovskogo
gosudarstvennogo universiteta.

(Photographic emulsions)

ZEBREVA, A. I.; LEVITSKAYA, S. A.

Electrochemical investigation of indium-gold amalgams. Zhur.
fiz. khim. 36 no.12:2799-2803 D '62. (MIRA 16:1)

1. Kazakhskiy gosudarstvennyy universitet imeni Kirova,
khimicheskiy fakul'tet.

(Indium-gold alloys) (Amalgams)
(Electrochemistry)

KOZLOVSKIY, M.T., akademik; OMAROVA, K.L.; LEVITSKAYA, S.A.

Amalgam polarography with staticary dropping mercury electrodes as a
variant of coulometric analysis. Vest. AN Kazakh. SSR 20 no.2:81-84
P '64. (MIRA 18:1)

1. AN Kazakhskoy SSR (for Kozlovskiy).

VAL'KO, A.V.; SENDEVA, A.I.; ILVITSEAYA, S.A.; TOYBAYEV, B.K.

Electrochemical properties of indium-containing amalgams.
Zhur. fiz. khim. 38 no.7:1839-1843 J1 '64.

(MIRA 18:3)

1. Kazakhskiy gosudarstvennyy universitet imeni Kirova.

L 21662-66 ENT(m)/SWP(t) IJP(c) JD

ACC NR AP6003499

SOURCE CODE: UR/0364/66/002/001/0092/0096

AUTHOR: Levitskaya, S. A.; Zebreva, A. I.

ORG: Kazakh State University, Alma-Ata (Kazakhskiy gosudarstvennyy universitet)

TITLE: Electrochemical properties of indium-antimony amalgams

SOURCE: Elektrokhimiya, v. 2, no. 1, 1966, 92-96

TOPIC TAGS: semiconductor, InSb semiconductor

ABSTRACT: The results of an experimental investigation of simple In and Sb and compound InSb amalgams by potentiometric and polarographic methods are reported. By using the H. Hartmann et al. potentiometric method (J. Phys. Chem., 1956, v. 9, 106), the behavior of a simple In amalgam was studied at 20, 40, 60, and 80C. Curves of $\Delta\varphi$ vs. $\lg c_1/c_2$ for the above amalgams determined from corresponding concentration circuits are presented, and estimated values of the solubility product are tabulated. The solubility of InSb was found to increase with temperature. The linear relation between the wave height and the concentration of metal in the amalgam was discovered in polarographic studies; the solubility product for InSb was found close to its values determined by potentiometric studies. Orig. art. has: 4 figures and 4 tables.

SUB CODE: 09 / SUBM DATE: 29Jan64 / ORIG REF: 013 / OTH REF: 010

Cord 1/1-5C

UDC: 541.13

LEVITSKAYA, S. B.

USSR/Chemistry - p-Toluenesulfonamide. Jun 48

Chemistry - Synthesis α -Amino

"Synthesis of Homosulfanilamide and Some of Its Derivatives," Z. F. Komokina, S. B. Levitskaya, S. L. Lur'ye, T. A. Chentsova, M. M. Shemyakin, Lab of Org Chem, All-Union Sci Res Inst of Biol Propylactics for Infections, 4 pp

"Zhur Priklad Khimi" Vol XXI, No 6

Describes improved method of synthesizing homosulfanilamide. Synthesizes two derivatives of homosulfanilamide: N⁴-(sulfanil-)-homosulfanilamide and

10/49T30

USSR/Chemistry - p-Toluenesulfonamide; Jun 48
 α -Amino (Contd)

N⁴-(homosulfanil-)-sulfanilamide. Submitted 9 Mar 47

10/49T30

ca

25

Azo coupling of bisulfite derivatives of *p*-quinone and of 1-nitronaphthol. D. A. Ikhvar, S. V. Leksakaya, and M. M. Shemyakin. *Doklady Akad. Nauk S.S.S.R.* 50, 197-8(1945).—Diazotized $p\text{-NO}_2\text{C}_6\text{H}_4\text{NH}_2$ in HCl soln. was coupled with the bisulfite complex of 1,1-naphthoquinone, without splitting off the bisulfite mol., giving a red-brown dye. A similar dye is obtained by coupling with the bisulfite complex of 1,4-naphthoquinone-2-sulfonate (II), but, in the presence of excess AcOK, a yellow product, gradually changing to dark-red, is pptd.; this ppt. contains no S, and, by its analysis, is produced from 2 mols. I and 2 mols. $p\text{-NO}_2\text{C}_6\text{H}_4\text{NH}_2\text{Cl}$. With diazotized sulfanilic acid, I gives a brown-red monazo dye. With the bisulfite complex of 1-nitroso-2-naphthol, diazotized $p\text{-NO}_2\text{C}_6\text{H}_4\text{NH}_2$ gives an orange monazo dye contg. 1 S atom in the mol. N. Thon

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CIA-RDP86-00513R000929620020-1

LEVITSKAYA, S.V.; KATS, E.B.

Thrombocytopenic syndrome in hemangiomas. Probl. gemat. i perel.
krovi no.5:22-28 '65. (MIRA 18:10)

1. Otdel rannego vozrasta (zav.- prof. S.G. Zvyagintseva)
kafedry pediatrii (zav.- prof. R.L. Gamburg) Tsentral'nogo
instituta usovershenstvovaniya vrachey, Moskva.

LEVITSKAYA, S.V.; KATO, F.H.

Kasabach-Merritt syndrome in a 2-month-old infant. Truly IDH
78:63-67 '65. (MIRA 12:9)

1. Kafedra pediatrii (zav.- prof. R.I. Gamburg) Tsentral'nogo
instituta usovershenstvovaniya vrachey.

LEVITSKAYA, S.V.

Some hematological indices in infectious polyarthrits in
children. Trudy TSIU 78:45-50 '65. (MIRA 18:9)

1. Kafedra pediatrii (zav.- prof. R.L. Gamburg) Tsentral'nogo
instituta usovershenstvovaniya vrachey.

LEVITSKAYA, S. V.

Acute lupus erythematosus in children. *Pediatrics* 41 no.3:71-73
'62. (MIRA 15:2)

1. Iz detskoy bol'nitsy No. 2 Magnitogorska (glavnyy vrach
A. A. Taskayeva).

(LUPUS ERYTHEMATOSUS)

LEVITSKAYA, S.V.; IGNATOVA, M.S.; PREOBRAZHENSKAYA, K.N.; YERMOLIN, V.N.;
KLEBOVSKIY, A.I.; RAYKHLEN, N.T.

Essential epitheliopathy with the megaloblastic anemia syndrome
(congenital ectomesodermal dysplasia). Probl. gemat. i perel.
krovi no.10:12-19 '63 (MIRA 18:1)

1. Iz kafedry pediatrii (zav. - prof. R.L. Gamburg) Tsentral'nogo
instituta usovershenstvovaniya vrachey, bol'nitsy imeni F.E.
Dzerzhinskogo (glavnyy vrach A.N. Kudryashova), patomorfologi-
cheskikh otdelov Instituta terapii i Instituta eksperimental'noy
i klinicheskoy onkologii AMN SSSR.

LEVITSKAYA, T.N., inzhener.

After reorganizing work. Leg.prom. 14 no.11:39-41 N '54.(MLRA 7:12)

1. Nachal'nik laboratorii zavoda No. 2 KIP,
(Leather industry)

10963

S/200/62/000/007/001/002
D207/D308

(4309)

AUTHORS: Sokolov, S.G. and Levitskaya, Ts.M.

TITLE: The effect of low temperatures on electrophysical and mechanical properties of epoxide insulation

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Sibirskoye otdeleniye, no. 7, 1962, 37 - 41

TEXT: Filled epoxide resin was tested at low temperatures with a view to its use as an insulator in high voltage (10^6 V) transmission lines in Siberia. The resin consisted of 100 parts (by weight) of resin ЭД - 6 (Ed - 6), 25 parts polyester no. 1, 30 parts maleic anhydride, 200 parts quartz sand. The samples, in the form of plates, bushings and straight insulators, were tested in the range $+20^{\circ}\text{C}$ to -70°C . On cooling, the value of $\tan\delta$ of the resin, measured using a P-525 (R-525) bridge at 1kV, fell to a minimum at 0°C and then rose reaching 0.007 at -70°C (the same value as $+30^{\circ}\text{C}$). The permittivity ($\epsilon \approx 4$) fell slightly but linearly with reduction of temperature. The breakdown voltage ($U_{br} \sim 35$ kV in a 50 c/s nonuniform field) rose a

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The effect of low temperatures ...

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D207/D308

little at -70°C compared with room temperature. The electric volume resistivity rose rapidly on cooling. An examination with a microscope showed no irreversible changes on cooling to -70°C followed by return to $+20^{\circ}\text{C}$. Twenty thermal shock cycles (30 min at -70°C , followed immediately by 30 min at $+120^{\circ}\text{C}$) hardly altered the electrical properties of the resin. Immersion of the cycled insulators in water showed no cracks. The resistance to arcing under Siberian conditions was also good: no deterioration was found after a year's exposure to intermittent arcing in open air. The ultimate tensile strength of the resin, measured according to ГОСТ 4649-55 (GOST 4649-55), did not vary greatly between $+20^{\circ}\text{C}$ and -70°C . The impact resistance, measured according to ГОСТ 4647-55 (GOST 4647-55), fell from 10.5 kg/cm at $+20^{\circ}\text{C}$ to 8 kg/cm at -60°C ; however even the lower value is still better than that of porcelain. There are 7 figures.

ASSOCIATION:

Transportno-energeticheskiy institut Sibirskogo
otdeleniya AN SSSR, Novosibirsk (Transport-Power
Institute, Siberian Division, AS USSR, Novosibirsk)

Card 2/3

The effect of low temperatures ...

S/200/62/000/007/001/002
D207/D308

SUBMITTED: December 2, 1961

Card 3/3

LACHINOV, S.S.; RUBINSHTEYN, A.M.; AKIMOV, V.M.; KLYACHKO-GURVICH, A.L.;
KONYUKHOVA, I.N.; KUZNETSOV, L.D.; LEVITSKAYA, T.T.; PRIBYTKOVA, N.A.;
SLINKIN, A.A.; CHESNOKOVA, R.V.

Complex investigation of iron catalysts for ammonia synthesis.
Kin. 1 kat. 5 no.3:478-489 My-Je '64.

(MIRA 17:11)

1. Institut organicheskoy khimii AN SSSR i Gosudarstvennyy institut
azotnoy promyshlennosti.

ACC NR: AP7002700

SOURCE CODE: UR/0424/66/000/006/0136/0138

AUTHOR: Galkin, S. I. (Novosibirsk); Levitskaya, T. Ye. (Novosibirsk)

ORG: none

TITLE: Investigating the effect of frame elasticity on the state of stress in a circular cylindrical shell with a rectangular cutout under torsion

SOURCE: Inzhenernyy zhurnal. Mekhanika tverdogo tela, no. 6, 1966, 136-138

TOPIC TAGS: ^{STRUCTURE} cylindric shell, stiffened shell, weakened shell, ~~shell torsion~~, ~~cylindrical shell torsion~~ ^{STRESS DISTRIBUTION, TORSION STRESS}

ABSTRACT:

The results of calculating the stress distribution in a circular cylindrical shell stiffened by transverse frames and weakened by a rectangular cutout (see Fig. 1) subjected to torsion, are presented. The design formulas for

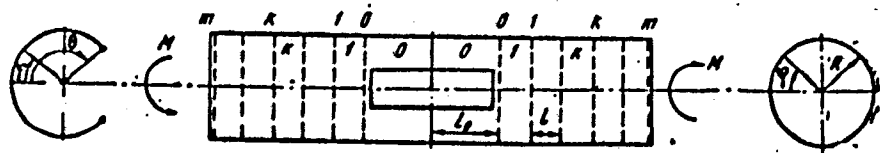


Fig. 1.

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UDC: none

ACC NR: AP7002700

such a problem were derived previously by S. I. Galkin (Izv. Sib. Otd. AN SSSR, no. 4, 1960; and Trudy konferentsii po teorii plastin i obolochek, 1961, Kazan'). The distributions of shear, normal, and tangential stresses in the middle portion of the shell (in the neighborhood of the cutout) and in frame-stiffened portions were calculated from these formulas on the M-20 electronic digital computer for 38 versions of the shell structure with geometry and stiffness parameters varying in a wide range, except $\theta = 135^\circ$ and $l/R = 0.5$. The calculation results are plotted in several diagrams, and the dependence of stresses on these parameters is discussed. The effect of rigidity of frames, especially of frames 0, on the state of stress in the shell, mainly on the distribution of shear and tangential stresses along the longitudinal (reinforced) edges of the cutout and around its corners is discussed in detail. The different behavior of these stresses within the open and frame-stiffened portions of the shell caused by the variation in the length of the cutout combined with the variations in the rigidities of frames, as well as the locations of maximum stresses in shells with short and large ($l_0/R < 1$ and $l_0/R > 1$, respectively) cutouts is pointed out. A simultaneous progressive increase of stresses (in both weakened and stiffened portions of the shell) with increasing width of the cutout, irrespective of the frame stiffness is noticed. The effect of stiffeners along the longitudinal edges of the cutout on the stress distribution, and their maximum rational cross-section areas are also examined. The dying-out of stresses (which are caused by the presence of a cutout) in the stiffened portion of the shell, and their practical disappearance at a distance of 2 to 2.5R from the frame 0 is mentioned. Orig. art. has: 7 figures.

Card 2/2

SUB CODE: 20/ SUBM DATE: 20May66/ ORIG REF: 003/ ATD PRESS: 5113

4222-66

INT(1)/INT(1)/INT(1)

SOURCE CODE: UR/0153/66/009/002/0254/0256

ACC NR: AP6021970

AUTHOR: Komkov, I. P.; Levitskaya, V. M.

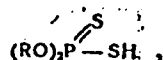
ORG: Moscow Technological Institute of the Meat and Dairy Industry, Department of Organic Chemistry (Moskovskiy tekhnologicheskij institut myasnoy i molochnoy promyshlennosti, Kafedra organicheskoy khimii)

TITLE: O,O-dialkyl hydrogen phosphorodithioates

SOURCE: IVUZ. Khimiya i khimicheskaya tekhnologiya, v. 9, no. 2, 1966, 254-256

TOPIC TAGS: organic phosphorus compound, organic sulfur compound, organic synthetic process, phosphorodithioate ester, bactericide, surface active agent

ABSTRACT: In the search for new surface active organophosphorus compounds with bactericide or fungicide properties, pure compounds of the general formula



where $R = C_{n+1}H_{2n+1}$ ($n = 3-10$), have been synthesized and studied. The synthesis was carried out by the reaction of phosphorus pentasulfide with alcohols. Pure compounds of this series with 5-10 carbon atoms in a radical R were obtained for the first time and certain of their physical constants were determined. Surface activity (surface tension and foaming capacity) of all synthesized compounds of this series

Card 1/2

UDC: 547+546

L 44222-66

ACC NR: AP6021970

was also measured. The data showed that O,O-diethyl hydrogen phosphorodithioate in aqueous emulsion displayed the maximum surface activity (the minimum surface tension). A weak bactericide activity was detected in all synthesized compounds, e. g., a 0.3% aqueous solution of O,O-diheptyl hydrogen phosphorodithioate killed bacteria coli in ten minutes. Orig. art. has: 2 tables. [JK]

SUB CODE: 07/ SUBM DATE 21Oct64/ ORIG REF: 009/ OTH REF: 004

Caro 2/2 MT

CA

10

Methods for purifying commercial lactic acid and obtaining it in solid preparations V. V. Levit-kaya. *Pushchiny Priro.* 1943, No. 2, 56-61. Purification of lactic acid (I) by acidifying lactates, by oxidizing impurities, by selective adsorption, by esterification and hydrolysis, or by distn. is never satisfactory in regard to cost, yield, and quality. Controlled distn. is preferred; with 20% of crude I in a 3000-cc. flask the yield is about 75% with the heating bath at 160-170° and a temp. of 100-125° in the crude liquid. The concn. of I in successive fractions is 33-45%. About 8-10% anhydride is formed. The distillates yield a pale or colorless, salt-free condensate (II) contg. 75-90% I, obtained with only 1% loss by passage through a column of activated C and a filter. A fractionator is described and illustrated which yields 93% I. Solid prepsns. (III) of II for use in soft drinks, confections, and bakery products are made by adding 3-11% of Ca acetate, phosphate, citrate, or carbonate. A preferred method is to heat 90 parts (by wt.) of 80% I with Ca acetate 8.8, Ca lactate 11.8, or CaCO₃ 8 parts for 10 min. at 60°. The paste thus prepd. from com. I contains 12% ash, or from pure I 4% ash. Hygroscopicity was tested in terms of wt. gain of caramel pastes after 15 days in air at 65% relative humidity. Moisture absorption data (in %) for different concns. of acid in the caramel were: 1% citric, 2.8; 1% I, 2.85; 1.2% III, 3.0; 1.2% I, 2.9; 1.5% III, 3.15%.

Julian P. Smith

ASD-36 METALLURGICAL LITERATURE CLASSIFICATION

CLASSIFICATION

CLASSIFICATION

CLASSIFICATION

LEVITSKAYA, V. V.																										
PROCESSING AND PROPERTIES INDEX																										
10																										
Concentration of lactic acid. V. V. Levitskaya. U.S.S.R. 67,913, Feb. 28, 1947. Weak tartaric acid is steam-distil. to obtain a condensate contg. 90% of the acid. The condensate is further concd. by rectification. M. Hosh																										
ASB-ILA METALLURGICAL LITERATURE CLASSIFICATION																										
FROM DIVISION													TO DIVISION													
SECTION NO.													SECTION NO.													
SUBSECTION NO.													SUBSECTION NO.													

KUTUMOVA, Ye. N.; LEVITSKAYA, V. V.

Natural stain made of onion skin for use with histological preparations. Apt.delo 4 no.1:25-27 Ja-F '55 (MIRA 8:4)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo aptechnogo instituta Ministerstva zdravookhraneniya SSSR.

(VEGETABLES,

onion skin as source of stain)

(STAINS AND STAINING, preparation of,
from onion skin)

LEVITSKAYA, Ye.D.; KOROVIN, P.Ya.; DEVIATKIN, N.A.; IFTINKA, G.A., red.
izd-va; RUDAKOVA, N.I., tekhn.red.

[Collection of regulations on wages for workers employed in the
construction and building materials industries] Sbornik rukovo-
diashchikh materialov po oplate truda rabotnikov, zaniatykh v
stroitel'stve i promyshlennosti stroitel'nykh materialov. Moskva,
Gos.izd-vo lit-ry po stroit., arkhitekt. i stroit.materialam. 1961.
563 p. (MIRA 15:5)

1. Russia (1917- R.S.F.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva.

(Wages—Construction industry)

(Wages—Building materials industry)

ACC NR: AP6035842

(A)

SOURCE CODE: UR/0413/66/000/020/0050/0050

INVENTOR: Lerman, A. P.; Levitskiy, Ye. F.; Syrkin, Yu. N.

ORG: none

TITLE: Machine for cutting seams. Class 19, No. 187069 /announced by Construction Project Bureau of the Chief Construction Mechanization Ministry of Transport Construction, SSSR (Proyektno-konstruktorskoye byuro Glavstroymekhanizatsii Ministerstva transportnogo stroitel'stva SSSR)

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 50

TOPIC TAGS: highway construction, ~~highway engineering~~, ~~highway machine~~ construction machinery

ABSTRACT: An Author Certificate has been issued for a machine for cutting joints in hardened road paving. It consists of a double-disk operating organ mounted on a wheeled frame, a device for cooling the disks, and a drive. To increase maneuverability and assure the disk's precise positioning in the seam, an extensible rotating support is mounted in the center of the wheeled frame; the support's axis of rotation is located in the cutting disk's plane of rotation. In order to automatically compensate for disk wear while cutting seams, the cutting disks can be mounted on vibrating levers through actuating cylinders connected to the machine's frame and joined with a guide device. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 29Jun65/

Card 1/1

UDC: 625.08

CIA-RDP86-00513R000929620020-1

CIA-RDP86-00513R000929620020-1"

TUR'YE, S.I., inzh.; LEVITSKAYA, Ye.I., inzh. *sluzhba a. razvedki*
KOP'LOVA, I.M., teknik

Indication of damages in testing the dynamic strength of transformers. Elektrotehnika 35 no.5:21-26 May'64 (MIRA 17:8)

LEVITSKAYA, Ye. S.

Levitskaya, Ye. S. - "Question of the structure of a neuroma of the central stump of a peripheral nerve. (Hospital and experimental material)," Trudy Fiziol. in-ta im. Pavlova, Vol. III, 1949, p. 131-42

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

LEVITSKAYA, Ye. S.

Levitskaya, Ye. S. - "The Physiological role of acids,"
Report 8. "Organic acids as taste stimuli," Trudy Fiziol.
in-ta im. Pavlova, Vol. III, 1949, p. 179-84

SO: U-3566, 15 March 53, (Lato is 'Zhurnal 'nykh Statey, No. 14, 1949).

LEVITSKAYA, E. S.

"Neuroregulation of Motor Function of the Breast; Storage and Output of Milk." (pp. 423-39)
by Baryshnikov, I. A., Zaks, M. G., Zotikova, I. N., Levitskaya, E. S., Pavlov, G. N.,
Pavlov, E. F., Tverskoi, G. B., Toktukhin, V. I., and Tsakhaev, G. A.

SO: Journal of General Biology (Zhurnal Obshchei Biologii) Vol. 12, No.6, (Nov-Dec) 1951.

LEVITSKAYA, Ye.S.

~~SECRET~~
In vivo examination of the mechanism of the mammary gland's
secretory apparatus in white mice. Trudy Inst.fiziol. 4:58-62
'55. (MLRA 9:4)

1.Laberateriya fiziologii sel'skokhozyaystvennykh zhivotnykh.
Zaveduyushchiy I.A.Baryshnikov.
(Lactation) (Hormones)

LEVITSKAYA, Ye.S.

Transmission of sensation from internal organs and blood vessels.
Mat. po evol. fiziol. 1:174-182 '56. (MIRA 11:1)
(PAIN) (VISCERA) (BLOOD VESSELS)

LEVITSKAYA, Ye.V.

Ferric-ascorbic acid compound for treating catarrhal gingivitis.
Vrach. delo no.3:315 Mr '57 (MLRA 10:5)

1. Kafedra terapevticheskoy stomatologii (zav.-prof. I.O. Novik)
Kiyevskogo meditsinskogo instituta.
(GUMS--DISEASES) (ASCORBIC ACID) (FERRIC ACID)

LEVITSKAYA, Ye.V.
NOVIK, I.O., prof.; UDOVITSKAYA, Ye.V.; LEVITSKAYA, Ye.V.

Use of gallascorbin in treating hypertrophic gingivitis. Vrach.
delo no.10:1095 O '57. (MIRA 10:12)

1. Kafedra terapevticheskoy stomatologii (zav. - prof. I.O.Novik)
Kiyevskogo meditsinskogo instituta.
(GUMS--DISEASES) (GALLIC ACID) (ASCORBIC ACID)

LEVITSKAYA, Ye.V., assistant (Kiyev)

Differential diagnosis of simple catarrhal gingivitis and of
the initial stage of paradentosis. Probl.stom. 4:221-224 '58.
(MIRA 13:6)

(GUMS--DISEASES)

NOVIK, I.O., prof. (Kiyev); UDOVITSKAYA, Ye.V., kand.med.nauk (Kiyev);
LEVITSKAYA, Ye.V., assistant (Kiyev)

Treatment of hypertrophic gingivitis. Probl.stom. 4:283-288
'58. (MIRA 13:6)
(GUMS--DISEASES)

NOVIK, I.O., prof. (Kiyev); DANILEVSKIY, N.F., kand.med.nauk (Kiyev);
LEVITSKAYA, Ye.Y., assistant (Kiyev)

Frequency of paradentosis among deaf-mutes in Kiev. Report No.1.
Probl.stom. 4:205-208 '58. (MIRA 13:6)
(KIEV--DEAF) (GUMS--DISEASES)

LEVITSKAYA, Ye. V., Candidate of Med Sci (diss) -- "The clinical aspects and treatment of catarrhal gingivitis". Kiev, 1959. 15 pp (Kiev Order of Labor Red Banner Med Institute im Acad A. A. Bogomolets), 220 copies (KL, No 21, 1959, 120)

NOVIK, I.O. (Kiyev); LEVITSKAYA, Ye.V. (Kiyev); UDОВИТСКАЯ, Ye.V.
(Kiyev)

Use of diatermocoagulation in the treatment of hypertrophic
gingivitis in paradentosis. Probl.stom. 6:99-102 '62.

(MIRA 16:3)

(GUMS—DISEASES)

(ELECTROSURGERY)

VISHNYAK, G.N. (Kiyev); LEVITSKAYA, Ye.V. (Kiyev); SKURSKAYA, N.N.
(Kiyev)

Pulpectomy and its effect on the course of paradentosis. Probl.
stom. 6:122-127 '62. (MIRA 16:3)
(GUMS—DISEASES) (DENTISTRY, OPERATIVE)

ZEFIROVA, G.S.; LEVITSKAYA, Z.I.; BRONSHTEYN, M.I.

Case of lipoid reticulosis combined with endocrine-metabolic disorders. Probl. endok. i gorm. 11 no.5:57-59 S-0 '65.

(MIRA 19:1)

1. Kafedra endokrinologii (zav. - prof. Ye.A. Vasyukova) Tsentral'nogo instituta usovershenstvovaniya vrachey i Vsesoyuznyy institut eksperimental'noy endokrinologii (direktor - prof. Ye.A. Vasyukova), Moskva. Submitted April 27, 1964.

ZEFIROVA, G.S.; LEVITSKAYA, Z.I.; BALABOLKIN, M.I.

Toxic goiter and myocardial infarct. Probl. endok. i gorm.
11 no.6:19-21 N-D '65. (MIRA 18:12)

1. Kafedra endokrinologii (zav. - prof. Ye.A. Vasyukova)
TSentral'nogo instituta usovershenstvovaniya vrachey i Institut
eksperimental'noy endokrinologii (ispolnyayushchiy obyazannosti
direktora - prof. L.M. Gol'ber), Moskva.

USSR/Soil Science. Organic Fertilizers

J-6

Abstr Jour : Ref Zhur - Biol., No 20, 1958, No 91481

Author : Levitskiy A.

Inst

Title : The Use of Sewage for Field Fertilization

Orig Pub : Kol'mezhnoye proizv-vo, 1956, No 2, 20-21

Abstract : No abstract

Card : 1/1

LEVITSKIY, A.I.

Applied geography areas for schools. Geog. v shkole 18 no.6:53-54
H-D '55. (MIRA 9:1)

(Geography--Study and teaching)

SPERANSKIY, Nikolay Vasil'yevich; ARTOBOLLEVSKIY, I.I., akademik, otv.
red.; DIKUSHIN, V.I., akademik, red.; SERENSEN, S.V., akademik,
red.; PINEGIN, S.V., prof., doktor tekhn.nauk, red.; LEVITSKIY,
A.I., prof., doktor tekhn.nauk, red.; DIMENTBERG, P.M., doktor
tekhn.nauk, red.; KOBRINSKIY, A.Ye., doktor tekhn.nauk, red.;
RAYEVSKIY, N.P., kand.tekhn.nauk, red.; BESSONOV, A.P., kand.
tekhn.nauk, red.; SOKOLOVA-CHESTNOVA, V.A., red.izd-va; SUSHKOVA,
L.A., tekhn.red.

[Designing Geneva wheels] Proektirovaniye mal'titskikh mekhanizmov.
Moskva, Izd-vo Akad.nauk SSSR, 1960. 92 p. (MIRA 13:8)

1. AN USSR (for Serensen).
(Mechanical movements)

GROBOV, Valerian Aleksandrovich; ARTOBOLYVSKIY, I.I., akademik, otv. red.;
DIKUSHIN, V.I., akademik; red.; SERENSEN, S.V., akademik, red.;
PINEGIN, S.V., doktor tekhn. nauk, prof., red.; LEVITSKIY, A.I.,
doktor tekhn. nauk, prof., red.; DIMENTBERG, F.M., doktor tekhn.
nauk, red.; KOBRINSKIY, A.Ye., doktor tekhn. nauk, red.;
RAYNYSKIY, N.P., kand. tekhn. nauk, red.; BESSONOV, A.P., kand. tekhn.
nauk, red.; ORPIK, S.L., red. izd-vo; LAUT, V.G., tekhn. red.

[Asymptotic methods for calculating bending vibrations of turbo-
machine rotors] Asimptoticheskie metody rascheta izgibnykh ko-
lebanii valov turbomashin. Moskva, Izd-vo Akad. nauk SSSR,
1961. 165 p. (MIRA 14:5)

1. Akademiya nauk USSR (for Serensen)
(Impellers--Vibration)

LEVITSKIY, Andrey L'vovich; SIBAROV, Yuriy Germanovich; KHARLAMOV,
P.G., red.

[Safety measures in locomotive operation, maintenance
and repair] Tekhnika bezopasnosti v lokomotivnom kho-
zjaistvo. Moskva, Transport, 1965. 209 p.
(MIRA 19:1)

LEVITSKIY, A. K.

The TGV-200 turbogenerator with a 200,000 kilowatt capacity. Bnl.
tekhn.-ekon.inform. no.10:37-38 '60. (MIRA 13:10)
(Turbogenerators)

LEVITSKIY, A.L., inzh.

Important requirements concerning labor safety and safety engineering.
Zhel.dor.transp. 45 no.2:53-54 F '63. (MIRA 16:2)
(Railroads—Employees—Diseases and hygiene)
(Railroads—Safety measures)

LEVITSKIY, A.L., inzh.

Facts to be considered in the revision of safety regulations. Elek.
i tepl.tiaga no.8:22-23 Ag '63. (MIRA 16:9)

1. Rukovoditel' sektora otdeleniya okhrany truda i tekhniki
bezopasnosti Vsesoyuznogo nauchno-issledovatel'skogo instituta
zheleznodorozhnogo transporta Ministerstva putey soobshcheniya.
(Electric railroads--Safety measures)

TEREKHOV, V.M., inzh.; MURZHIN, I.I., inzh.; LEVITSKIY, A.L., inzh.;
retsenzent; MOISEYEV, G.A., inzh., retsenzent;
NOVOSEL'SKIY, B.S., inzh., retsenzent; DENISOVA, T.V.,
inzh., retsenzent; YEREMEYEV, A.S., inzh., retsenzent;
DZHAVAKHYAN, T.V., inzh., retsenzent; BOL'SHAKOV, A.S.,
inzh., retsenzent; SHCHERBACHEVICH, G.S., inzh.,
retsenzent; KLIMOV, N.N., inzh., retsenzent; KHARLAMOV,
P.G., inzh., retsenzent; VIL'CHINSKIY, V.L., inzh.,
retsenzent; KONOVALOV, S.Ye., inzh., retsenzent; MAMCHENKO,
V.P., inzh., retsenzent; YURCHENKO, I.F., inzh., retsenzent;
POLEKHA, A.M., inzh., red.; MEL'NIKOV, V.Ye., inzh., red.;
KHITROVA, N.A., tekhn. red.

[Handbook for the diesel locomotive operator] Spravochnik ma-
shinista teplovoza. Izd. 2., ispr. i dop. Moskva, Transzhel-
dorizdat, 1963. 479 p. (MIRA 17:1)

KOMYAGIN, Aleksandr Mikhaylovich; POLITOV, Gennadiy Aleksandrovich,
LEVITSKIY, A.L., inzh., red.

[Safety measures in the operation of diesel locomotives]
Tekhnika bezopasnosti pri obsluzhivani teplovozov. Moskva,
Transport, 1964. 49 p. (MIRA 18:3)

LEVITSKIY, A. M.

"Determining the Reactive Power of Synchronous Generators", *Elektrichestvo*, No. 6, 1949.

Cand. Tech. Sci., Leningrad. -cl949-.

USSR/Electricity - Literature May 51
Fluxmeters

Review of A. G. Kalashnikov's 'The Flux-
meter -- Theory, Experimental Research, and
Uses of the Instrument for the Measurement of
Magnetic Flux,' A. M. Levitskiy, Cand Tech
Sci, Leningrad

"Elektrichestvo" No 5, pp 94, 95

Aside from some criticism as to insufficient
coverage of the topic and flaws in method of
presentation, the book is acknowledged as
being of great interest and timeliness. It

189734
USSR/Electricity - Literature May 51
Fluxmeters (Contd)

represents a treatise on potentialities of the
fluxmeter as measuring instrument based on theo-
retical and exptl investigations of its operation
and application in various branches of science
and technology. Acad Sci USSR Publ House, 1949,
158 pp, 7 rubles.

189734

LEVITSKIY, A.M.

Research carried on by the Mekhanobr Institute to devise
equipment for the magnetic separation of ores and other
materials. Obog. rud 3 no.1:50-60 '58. (MIRA 11:10)
(Magnetic separation of ores) (Engineering research)

LEVITSKIY, A.M.

Studies by the Institute of Mechanical Processing of Minerals
on developing equipment for the magnetic separation of ores
and materials. Obog. rud 3 no.2:37-50 '58. (MIRA 11:11)
(Magnetic separation of ores--Equipment and supplies)

LEVITSKIY, A.M.

99-58-3-12/12

AUTHOR: Kanardov, I.P., Candidate of Agricultural Sciences

TITLE: All-Union Conference on the Utilization and Neutralization of Sewage Waters Used on Irrigated Fields. (Vsesoyuznoye soveshchaniye po ispol'zovaniyu i obezvrezhivaniyu stochnykh vod na zemledel'cheskikh polyakh orosheniya)

PERIODICAL: Gidrotekhnika i Melioratsiya, 1958, # 3, pp 62 - 64 (USSR)

ABSTRACT: The All-Union Conference on the Utilization and Neutralization of Sewage Waters on Irrigated Fields took place in Moscow from 7 to 11 January 1958. The conference was called by the Ministerstvo sel'skogo khozyaystva SSSR (Ministry of Agriculture of the USSR) together with the Nauchno-tekhnicheskoye obshchestvo sel'skogo i lesnogo khozyaystva (Scientific-Technical Society of Agriculture and Silviculture), Vserossiyskoye nauchnoye obshchestvo gigiyenistov (All-Russian Scientific Society of Hygienists), and Nauchno-tekhnicheskoye obshchestvo gorodskogo khozyaystva i sanitarnoy tekhniki (Scientific-Technical Society of Municipal Administration and Sanitary Technics). A specially formed organizational Committee under the chairmanship of A.M. Levitskiy received 50 reports on

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99-58-3-12/12

All-Union Conference on the Utilization and Neutralization of Sewage Waters
Used on Irrigated Fields

matters connected with the subject of the conference. These reports were printed and sent to all 328 members participating at the conference. A.M. Levitskiy read a paper on the importance of the use of sewage waters and on ways of further developing irrigation fields. Three more reports were read by: 1) I.P. Kanardov, Candidate of Agricultural Sciences, on "The Methods of Utilizing Sewage Waters in Kolkhozes and Sovkhozes of Urban Areas"; 2) Candidate of Technical Sciences, L.G. Demidov, on "The Experiences in Projecting Irrigated Fields", and 3) P.N. Matveyev, Candidate of Medical Sciences, on "Some Results and Prospects of Hygienical Studies on Questions of Neutralizing and Utilizing Sewage Waters of Kolkhozes and Sovkhozes". The foremost hygienists of the USSR - Professors S.N. Cherkinskiy (Moscow), R.A. Babayants (Leningrad) and V.M. Zhabotinskiy warned the conference, that extensive development of such irrigated fields are possible only under the conditions of a harmonious coordination of the interests of all economic branches. Several members of the conference criticized the passive attitude of numerous organizations as pertaining to this question.

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99-58-3-12/12

All-Union Conference on the Utilization and Neutralization of Sewage Waters
Used on Irrigated Fields

and the absence of a head organization, which could take care of the financial part of this question. Professor I. Bauman (Humboldt University, Berlin, German Democratic Republic) acquainted the conference with work conducted in Germany on this subject. Sewage water, after mechanical purification, is widely used in Germany and does not cause bacterial contamination. The conference finally recommended that the executive committees of the Moscow, Leningrad, Kiyev, Khar'kov, Odessa and Kaliningrad Oblast's from now on prepare for an extensive projecting of sewage irrigation. It was also decided to ask the USSR Ministry of Agriculture to establish a special department in the Ministry which will deal exclusively with this matter.

AVAILABLE: Library of Congress

Card 3/3

LEVITSKIY, Aleksandr Matveyevich; KARMAZIN, V.I., kand.tekhn.nauk, retsenzent; OLOFINSKIY, N.F., kand.tekhn.nauk, retsenzent, otv. red.; YEVDOKOVA, M.L., red.isd-va; BEREZSLAVSKAYA, L.Sh., tekhn. red.; SHKLYAR, S.Ya., tekhn.red.

[Electromagnetic conveyer-belt separators for the beneficiation of strongly magnetic ores] Elektromagnitnye lentochnye separatory dlia obogashchenia sil'nomagnitnykh rud. Moskva, Gos.nauchno-tekhn.isd-vo lit-ry po gornomu delu, 1959. 198 p. (MIRA 13:1)
(Magnetic separation of ores)
(Separators (Machines)--Electric driving)

DERKACH, V.G.; LEVITSKIY, A.M.; KRABBE, S.P.; YEGOROV, N.F.

Drum separators designed by the "Scientific Research and Planning
Institute for the Mechanical Processing of Minerals" and intended
for the wet magnetic separation of magnetites. Obog. rud ⁴
no.4:34-44 '59. (MIRA 14:8)

(Magnetic separation of ores)

DERKACH, V.G.; LEVITSKIY, A.M.

Dressing of magnetic taconites from the Mesabi deposit, U.S.A.
[from "Mining Engineering," no. 12, 1958; no. 9, 1959]. Obog. rud
5 no. 5153-56 '60. (MIRA 1418)

(Mesabi Range--Taconite)
(Magnetic separation of ores)

LEVITSKIY, A.M.

Demagnetizing apparatuses for magnetite and ferrosilicon pulp. Obog.
rud 6 no.141-144 '61. (MIRA 14:8)
(Ferromagnetism)

LEVITSKIY, A.M.

Magnetic separation of iron ores in modern plants in foreign countries.
Obog. rud 7 no.2:44-50 '62. (MIRA 16:4)
(Magnetic separation of ores)

LEVITSKIY, A.M.

Materials for permanent magnets in separators. Ogeb. rud 7 no.3:46-52
'62. (MIRA 16:4)

(Magnetic separation of ores)

LEVITSKIY, A.M.

Special materials used in the manufacture of electromagnetic and
magnetic separators. Obog. tud 7 no.5:49-53 '62. (MIRA 16:4)
(Magnetic separation of ores—Equipment and supplies)

DERKACH, V.G.; YEGOROV, N.F.; LEVITSKIY, A.M.

Multiple roll magnetic separator. Biul. TSIICHM no.10:44 '60.
(MIRA 15:4)
(Magnetic separation of ores--Equipment and supplies)

BULATSKIY, N.P. [Bulats'kiy, N.P.]; LEVITSKIY, A.P. [Levyts'kiy, A.P.]

Substrate specificity of animal lipases and methods for
determining their activity. Ukr.biokhim.zhur. 34 no.6:924-936
'62. (MIRA 16:4)

1. Kafedra biokhimii Odesskogo meditsinskogo instituta.
(LIPASE)

BULATSKIY, N.P.; LEVITSKIY, A.P.

Extraction and bichromate micromethod for the determination of
lipase activity. Vop. med. khim. 9 no.4:426-429 J1-Ag'63
(MIRA 17:4)

1. Kafedra biokhimi i Odesskogo meditsinskogo instituta imeni
Pirogova.

LEVITSKIY, A.P. [Levyts'kyi, A.P.]; BULATSKIY, N.P. [Bulats'kyi, M.P.]

Extraction-dichromate micromethod for determining higher
fatty acids. Ukr. biokhim. zhur. 35 no.1:120-128 '63

(MIRA 17:5)

1. Department of Biochemistry of Odessa State Medical Institute.

SEVERGIN, A.P.

Fat splitting by pancreatic lipase. Biokhimiia 50 no.1:45-49
Ja-F '65. (MLRA 1816)

1. Kafedra biokhimi Meditsinskogo instituta imeni Pirogova,
Odessa.

SLAV'YAN, N.D. [Slav'ian, N.D.]; LEVITSKIY, A.P. [Levits'kyi, A.P.]

Making patterns for men's shirts for stout and nonstandard figures.
Lsh.prom. no.3:39-41 J1-S '63. (MIRA 16:11)

1. Kiyevskaya shvennaya fabrika No.5.

LEVITSKIY, A.V., fel'dsher

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1. Pomoshchnik epidemiologa sanitarno-epidemiologicheskogo otdeleniya
bol'nitsy g. Orgeyeva.
(ORGEYEV DISTRICT--DIPHTHERIA--PREVENTIVE INOCULATION)

LEVITSKIY, A. V.

PA 18748

USSR/Ore Deposits
Mineral Industries

Jun 1947

"Expediency of Utilization of Blind Shafts and Selection of the Location of Their Foundation," A. V. Levitskiy, Candidate Technical Sciences, 5 pp

"Gornyy Zhurnal" Vol CXXI, No 6

The main object of opening up blind shafts is to increase the length of crosscuts for development of the lower levels by vertical shafts. Also expedient from the standpoint of guaranteeing simultaneous preparation of levels.

18748

LEVITSKIY, A.V.

Working wide steep copper pyrite deposits by combined systems of
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(Chalcopyrite) (Mining engineering)

LEVITSKIY, A.V.

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(MIRA 13:7)

1. Fakul'tetskaya terapevticheskaya klinika (zav. - prof. N.Ye. Kavetskiy) Knybyshevskogo meditsinskogo instituta.

(HYPERTENSION)

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SHELESHKO, V.; LEVITSKIY, B.

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"Orel". Mor. flot 18 no.8:17-18 Ag '58. (MIRA 11:9)

1. Starshiy inzhener gruppy operativnogo planirovaniya Dunayskogo parokhodstva (for Sheleshko). 2. Nachal'nik konstruktorskogo byuro Dunayskogo parokhodstva (for Levitskiy).
(Automatic control) (Steering gear) (Motorships)

LEVITSKIY, A.Z.

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